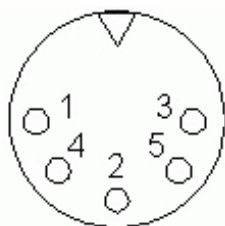


Vernier Sensor Pinout Specification

Pinout definitions for our popular sensors



VIEW FACING PINS.

Circular DIN Plug - 5 pin

Pin 1 = Sensor Output

Pin 2 = Not used

Pin 3 = ID Output (not supported on all sensors)

Pin 4 = Power (+5VDC)

Pin 5 = GND

British Telecom Analog Connector (RH)



British Telecom Analog (BTA)- Right Hand

Pin 1 = Sensor output (+/-10V)

Pin 2 = GND

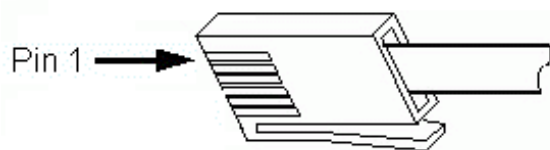
Pin 3 = Vres (resistance reference)

Pin 4 = AutoIDENT (not supported on all sensors)

Pin 5 = Power (+5VDC)

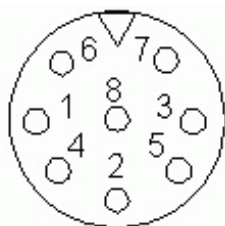
Pin 6 = Sensor output (0-5V)

British Telecom Digital Connector (LH)



British Telecom Digital (BTD)- Left Hand

Pos.	General Purpose	Sonic Ranger	Photogate	Radiation Monitor	Rotary Motion
Pin1	I/O1	Echo	Input	Countinput	CCWcount
Pin2	I/O2	Init			CWcount
Pin3	I/O3	AutoID			
Pin4	PWR (5.3V)	PWR (5.3V)	PWR (5.3V)	PWR (5.3V)	PWR (5.3V)
Pin5	GND	GND	GND	GND	GND
Pin6	I/O4				X4res.



VIEW FACING PINS.

Circular DIN Plug - 8 pin

Pin 1 = Sensor Output

Pin 2 = Not used

Pin 3 = ID Output (not supported on all sensors)

Pin 4 = Power (+5VDC)

Pin 5 = GND

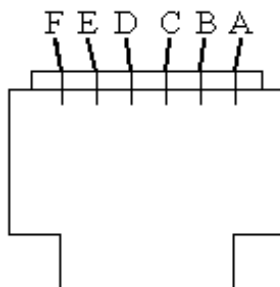
Pin 6 = +12VDC

Pin 7 = -12VDC

Pin 8 = DAC



1/4" Stereo Jack

**Pin Assignments for the Phone (RJ-11) Jacks**

Pin Letter	Pin	Port 1	Port 2	AUX ⁸
A	ID input/ Digital output	Analog In 10/ Digital Out 2	Analog In 7/ Digital Out 3	Analog In 6
B	Ground	Ground	Ground	Ground
C	+5 Volts	+5 Volts	+5 Volts	+5 Volts
D	Analog input	Analog In 9	Analog In 8	Analog In 4
E	Digital output	Digital Out 0	Digital Out 1	Digital Out 0
F	Digital input	Digital In 0	Digital In 1	



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